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Alberta Oil Sands

Annual Statistics

1988



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Annual Statistics

1988

ENERGY RESOURCES CONSERVATION BOARD
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CONTENTS

SUNCOR INC. AND SYNCRUDE CANADA LTD.

	PAGE
STANDARDS OF MEASUREMENTS AND NOTES	1
ANNUAL 1988	
SUPPLY AND DISPOSITION OF	
SYNTHETIC CRUDE OIL	2-3
OTHER HYDROCARBONS	4-5
COKE	6-7
SULPHUR	8-9
BITUMEN	10-11
DISTILLATE	12-13
HISTORICAL 1967-1988	
OIL SANDS PRODUCTION AND PROCESSING	14-15
SUPPLY AND DISPOSITION OF	
SYNTHETIC CRUDE OIL	16-17
OTHER HYDROCARBONS	18-19
COKE	20-21
SULPHUR	22-23
BITUMEN	24-25
DISTILLATE	26-27

NOTE: INQUIRIES REGARDING THIS PUBLICATION
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STANDARDS OF MEASUREMENTS

1. GRADE: MASS PER CENT BITUMEN IN OIL SANDS.
2. GAS VOLUME AT 101.325 kPa AND 15 C.
3. LIQUID VOLUME AT 15 C.

NOTES

- (A) DISTILLATE PRODUCTION DOES NOT INCLUDE HEAVY FUEL OIL.
- (B) SULPHUR PRODUCTION INCLUDES FLARED/WASTE.
- (C) SYNTHETIC CRUDE OIL PRODUCTION DOES NOT INCLUDE DILUENT NAPHTHA PRODUCTION.
- (D) OTHER HYDROCARBONS PRODUCTION INCLUDES LIGHT SLOP MATERIAL.

Annual 1988

SYNTHETIC CRUDE OIL (CUBIC METRES)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY
SUNCOR					
OPENING INVENTORY	44 125.9	62 381.4	77 766.4	79 238.1	87 749.3
PRODUCTION	34 105.4	162 595.9	271 855.1	268 577.8	286 468.3
	78 231.3	224 977.3	349 621.5	347 815.9	374 217.6
CLOSING INVENTORY	62 381.4	77 766.4	79 238.1	87 749.3	75 867.8
	15 849.9	147 210.9	270 383.4	260 066.6	298 349.8
=====					
SITE FUEL/USE	1 127.3	5 047.8	2 349.5	3 017.9	3 209.3
METERING DIFFERENCE	(2.8)	7.5	(10.7)	676.4	(417.0)
DELIVERIES	14 725.4	142 155.6	268 044.6	256 372.3	295 557.5
	15 849.9	147 210.9	270 383.4	260 066.6	298 349.8
=====					
SYNCRUDE					
OPENING INVENTORY	16 735.0	22 933.0	28 559.0	24 109.0	22 568.0
PRODUCTION (C)	490 459.0	661 052.0	761 021.0	563 886.0	789 792.0
	507 194.0	683 985.0	789 580.0	587 995.0	812 360.0
CLOSING INVENTORY	22 933.0	28 559.0	24 109.0	22 568.0	24 411.0
	484 261.0	655 426.0	765 471.0	565 427.0	787 949.0
=====					
METERING DIFFERENCE	(11.0)	(10.0)	8.0	3.0	(3.0)
DELIVERIES	484 272.0	655 436.0	765 463.0	563 856.0	783 827.0
SITE FUEL	0.0	0.0	0.0	1 568.0	4 125.0
	484 261.0	655 426.0	765 471.0	565 427.0	787 949.0
=====					

JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

1988

75 867.8 90 461.9 82 275.0 74 946.4 69 423.4 77 465.3 74 609.7 44 125.9
275 642.1 293 338.6 286 006.1 259 856.3 286 338.0 271 689.9 275 165.5 2 971 639.0

351 509.9 383 800.5 368 281.1 334 802.7 355 761.4 349 155.2 349 775.2 3 015 764.9
90 461.9 82 275.0 74 946.4 69 423.4 77 465.3 74 609.7 84 125.5 84 125.5

261 048.0 301 525.5 293 334.7 265 379.3 278 296.1 274 545.5 265 649.7 2 931 639.4

3 035.2 3 427.5 3 870.1 3 769.2 3 904.9 3 792.2 3 888.4 40 439.3
34.4 20.2 72.6 (116.7) (83.5) (87.1) (189.8) (96.5)
257 978.4 298 077.8 289 392.0 261 726.8 274 474.7 270 840.4 261 951.1 2 891 296.6

261 048.0 301 525.5 293 334.7 265 379.3 278 296.1 274 545.5 265 649.7 2 931 639.4

24 411.0 41 575.0 20 819.0 32 452.0 38 427.0 23 950.0 20 136.0 16 735.0
721 527.0 844 982.0 794 151.0 662 490.0 855 226.0 819 394.0 754 725.0 8 718 705.0

745 938.0 886 557.0 814 970.0 694 942.0 893 653.0 843 344.0 774 861.0 8 735 440.0
41 575.0 20 819.0 32 452.0 38 427.0 23 950.0 20 136.0 25 125.0 25 125.0

704 363.0 865 738.0 782 518.0 656 515.0 869 703.0 823 208.0 749 736.0 8 710 315.0

(31.0) 37.0 (21.0) (11.0) 26.0 7.0 (9.0) (15.0)
700 770.0 861 527.0 778 010.0 652 409.0 865 560.0 817 997.0 746 639.0 8 675 766.0
3 624.0 4 174.0 4 529.0 4 117.0 4 117.0 5 204.0 3 106.0 34 564.0

704 363.0 865 738.0 782 518.0 656 515.0 869 703.0 823 208.0 749 736.0 8 710 315.0

OTHER HYDROCARBONS (CUBIC METRES)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY
SUNCOR					
HEAVY FUEL OIL					
OPENING INVENTORY	1 648.9	2 794.6	2 922.8	2 609.8	3 211.9
PRODUCTION	1 276.5	30.8	0.0	942.7	0.0
	2 925.4	2 825.4	2 922.8	3 552.5	3 211.9
CLOSING INVENTORY	2 794.6	2 922.8	2 609.8	3 211.9	2 283.9
	130.8	(97.4)	313.0	340.6	928.0
SITE FUEL/USE	130.8	3 706.7	313.0	340.6	928.0
METERING DIFFERENCE	0.0	(3 804.1)	0.0	0.0	0.0
	130.8	(97.4)	313.0	340.6	928.0
SYNCRUDE					
DILUENT NAPHTHA					
OPENING INVENTORY	58 712.0	64 080.0	66 861.0	62 640.0	73 378.0
PRODUCTION (D)	10 595.0	6 458.0	951.0	15 523.0	1 866.0
	69 307.0	70 538.0	67 812.0	78 163.0	75 244.0
CLOSING INVENTORY	64 080.0	66 861.0	62 640.0	73 378.0	71 849.0
	5 227.0	3 677.0	5 172.0	4 785.0	3 395.0
FLARED/WASTE	5 227.0	3 677.0	5 172.0	4 785.0	3 395.0
METERING DIFFERENCE (1)	0.0	0.0	0.0	0.0	0.0
	5 227.0	3 677.0	5 172.0	4 785.0	3 395.0

NOTE: (1) INCLUDES DILUENT RECOVERED FROM VAPOR.

JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER 1988

2 283.9 1 692.8	2 786.8 442.6	2 723.6 0.0	2 224.6 2 534.9	1 813.0 1 507.1	2 971.3 1 159.4	2 578.8 0.0	1 648.9 9 586.8
3 976.7 2 786.8	3 229.4 2 723.6	2 723.6 2 224.6	4 759.5 1 813.0	3 320.1 2 971.3	4 130.7 2 578.8	2 578.8 1 990.0	11 235.7 1 990.0
1 189.9	505.8	499.0	2 946.5	348.8	1 551.9	588.8	9 245.7
1 189.9 0.0	505.8 0.0	499.0 0.0	2 946.5 0.0	348.8 0.0	1 551.9 0.0	588.8 0.0	13 049.8 (3 804.1)
1 189.9	505.8	499.0	2 946.5	348.8	1 551.9	588.8	9 245.7
71 849.0 4 323.0	72 451.0 1 044.0	69 014.0 1 998.0	65 105.0 5 425.0	61 238.0 12 753.0	68 152.0 3 417.0	66 865.0 5 736.0	58 712.0 70 089.0
76 172.0 72 451.0	73 495.0 69 014.0	71 012.0 65 105.0	70 530.0 61 238.0	73 991.0 68 152.0	71 569.0 66 865.0	72 601.0 66 761.0	128 801.0 66 761.0
3 721.0	4 481.0	5 907.0	9 292.0	5 839.0	4 704.0	5 840.0	62 040.0
3 721.0 0.0	4 481.0 0.0	5 512.0 395.0	9 292.0 0.0	5 839.0 0.0	4 704.0 0.0	5 840.0 0.0	61 645.0 395.0
3 721.0	4 481.0	5 907.0	9 292.0	5 839.0	4 704.0	5 840.0	62 040.0

COKE (TONNES)

JANUARY FEBRUARY MARCH APRIL MAY

SUNCOR

OPENING INVENTORY	2	261	336	2	229	686	2	233	416	2	242	923	2	255	142
PRODUCTION		10	205		52	527		83	533		85	035		91	979
<hr/>															
CLOSING INVENTORY	2	271	541	2	282	213	2	316	949	2	327	958	2	347	121
	2	229	686	2	233	416	2	242	923	2	255	142	2	277	189
<hr/>															
		41	855		48	797		74	026		72	816		69	932
<hr/>															
SITE FUEL/USE		41	855		48	797		74	026		72	816		69	932
METERING DIFFERENCE (1)			0			0			0			0			0
DELIVERIES			0			0			0			0			0
<hr/>															
		41	855		48	797		74	026		72	816		69	932
<hr/>															

SYNCRUDE

OPENING INVENTORY	6	504	156	6	573	955	6	652	655	6	741	588	6	825	558
PRODUCTION		69	799		78	700		88	933		83	970		90	550
<hr/>															
CLOSING INVENTORY	6	573	955	6	652	655	6	741	588	6	825	558	6	916	108
	6	573	955	6	652	655	6	741	588	6	825	558	6	916	108
<hr/>															
			0			0			0			0			0
<hr/>															

NOTE: (1) INCLUDES SURVEY ADJUSTMENTS TO INVENTORY.

JUNE

JULY

AUGUST SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

1988

2 277 189 86 699	2 317 516 91 749	2 354 035 88 091	2 389 560 86 559	2 425 866 86 181	2 450 653 85 022	2 472 476 82 899	2 261 336 930 479
2 363 888 2 317 516	2 409 265 2 354 035	2 442 126 2 389 560	2 476 119 2 425 866	2 512 047 2 450 653	2 535 675 2 472 476	2 555 375 2 497 965	3 191 815 2 497 965
46 372	55 230	52 566	50 253	61 394	63 199	57 410	693 850
46 372 0 0	52 976 1 2 253	52 017 0 549	49 558 1 694	60 110 0 1 284	62 631 0 568	74 291 (18 414) 1 533	705 381 (18 412) 6 881
46 372	55 230	52 566	50 253	61 394	63 199	57 410	693 850
6 916 108 87 743	7 003 851 90 534	7 094 385 83 933	7 178 318 85 458	7 263 776 87 914	7 351 690 86 294	7 437 984 91 259	6 504 156 1 025 087
7 003 851 7 003 851	7 094 385 7 094 385	7 178 318 7 178 318	7 263 776 7 263 776	7 351 690 7 351 690	7 437 984 7 437 984	7 529 243 7 529 243	7 529 243 7 529 243
0	0	0	0	0	0	0	0

SULPHUR (TONNES)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY
SUNCOR					
OPENING INVENTORY	185 794	185 794	185 794	185 794	185 794
PRODUCTION (B)	1 486	6 273	10 149	10 261	11 651
	187 280	192 067	195 943	196 055	197 445
CLOSING INVENTORY	185 794	185 794	185 794	185 794	185 794
	1 486	6 273	10 149	10 261	11 651
FLARED/WASTE	474	1 688	858	444	484
DELIVERIES	1 012	4 585	9 291	9 817	11 167
METERING DIFFERENCE (1)	0.0	0.0	0.0	0.0	0.0
	1 486	6 273	10 149	10 261	11 651

SYNCRUDE

OPENING INVENTORY	1 796	1 491	1 769	1 843	1 380
PRODUCTION	21 994	27 208	31 727	25 734	32 720
	23 790	28 699	33 496	27 577	34 100
CLOSING INVENTORY	1 491	1 769	1 843	1 380	1 824
	22 299	26 930	31 653	26 197	32 276
METERING DIFFERENCE	0	13	0	0	0
DELIVERIES	22 299	26 917	31 653	26 197	32 276
	22 299	26 930	31 653	26 197	32 276

NOTE: (1) INCLUDES STOCKPILE ADJUSTMENTS AS SOME OF THE CONTAMINATED PILE HAS BEEN DEEMED RECOVERABLE.

JUNE

JULY

AUGUST SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

1988

JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	1988
185 794 10 603	185 794 11 049	186 175 10 996	186 175 10 603	186 175 11 381	186 175 11 047	186 175 10 941	185 794 116 440

196 397 185 794	196 843 186 175	197 171 186 175	196 778 186 175	197 556 186 175	197 222 186 175	197 116 159 200	302 234 159 200
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10 603	10 668	10 996	10 603	11 381	11 047	37 916	143 034
--------	--------	--------	--------	--------	--------	--------	---------

470 10 133 0.0	975 9 693 0.0	962 10 034 0.0	571 10 032 0.0	535 10 846 0.0	599 10 448 0.0	587 12 981 24 348	8 647 110 039 24 348
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10 603	10 668	10 996	10 603	11 381	11 047	37 916	143 034
--------	--------	--------	--------	--------	--------	--------	---------

1 824 29 888	1 722 33 532	1 722 32 586	2 167 29 043	1 537 36 468	1 804 34 094	1 387 33 407	1 796 368 401
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31 712 1 722	35 254 1 722	34 308 2 167	31 210 1 537	38 005 1 804	35 898 1 387	34 794 1 545	370 197 1 545
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29 990	33 532	32 141	29 673	36 201	34 511	33 249	368 652
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0 29 990	0 33 532	0 32 141	0 29 673	0 36 201	0 34 511	0 33 249	13 368 639
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29 990	33 532	32 141	29 673	36 201	34 511	33 249	368 652
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10
BITUMEN (CUBIC METRES)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY
SUNCOR					
OPENING INVENTORY	44 237.0	23 125.8	11 480.0	27 089.1	37 520.9
PRODUCTION	21 695.4	183 087.7	334 896.3	374 453.8	405 505.4
FROM SYNCRUDE	8 099.1	30 136.5	38 287.6	0.0	0.0
	74 031.5	236 350.0	384 663.9	401 542.9	443 026.3
CLOSING INVENTORY	23 125.8	11 480.0	27 089.1	37 520.9	49 289.6
	50 905.7	224 870.0	357 574.8	364 022.0	393 736.7
FURTHER PROCESSING	43 685.9	224 870.1	357 574.8	364 022.0	393 736.7
FLARED/WASTE	7 219.8	0.0	0.0	0.0	0.0
METERING DIFFERENCE	0.0	(0.1)	0.0	0.0	0.0
	50 905.7	224 870.0	357 574.8	364 022.0	393 736.7

SYNCRUDE

OPENING INVENTORY	513 509	533 218	450 070	468 864	446 828
PRODUCTION	756 738	761 705	984 301	850 375	980 342
	1 270 247	1 294 923	1 434 371	1 319 239	1 427 170
CLOSING INVENTORY	533 218	450 070	468 864	446 828	491 694
	737 029	844 853	965 507	872 411	935 476
FURTHER PROCESSING	728 929	814 716	927 103	872 410	935 476
METERING DIFFERENCE	1	0	0	1	0
DELIVERIES	8 099	30 137	38 404	0	0
	737 029	844 853	965 507	872 411	935 476

JUNE

JULY

AUGUST SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

1988

49 289.6	49 780.5	20 864.2	47 021.0	37 475.9	23 722.4	21 654.2	44 237.0
371 627.6	363 822.1	403 254.8	360 975.2	355 170.7	363 287.5	365 603.3	3 903 379.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	76 523.2

420 917.2	413 602.6	424 119.0	407 996.2	392 646.6	387 009.9	387 257.5	4 024 140.0
49 780.5	20 864.2	47 021.0	37 475.9	23 722.4	21 654.2	32 386.7	32 386.7

371 136.7	392 738.4	377 098.0	370 520.3	368 924.2	365 355.7	354 870.8	3 991 753.3
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371 136.7	392 738.3	377 097.9	370 520.1	368 924.2	365 355.7	354 870.8	3 984 533.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 219.8
0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.3

371 136.7	392 738.4	377 098.0	370 520.3	368 924.2	365 355.7	354 870.8	3 991 753.3
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491 694	435 294	361 844	324 734	334 785	331 573	261 964	513 509
839 227	851 131	864 141	885 362	970 712	856 170	959 554	10 559 758

1 330 921	1 286 425	1 225 985	1 210 096	1 305 497	1 187 743	1 221 518	11 073 267
435 294	361 844	324 734	334 785	331 573	261 964	233 159	233 159

895 627	924 581	901 251	875 311	973 924	925 779	988 359	10 840 108
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895 627	924 581	901 645	875 310	973 925	925 779	988 359	10 763 860
0	0	(394)	1	(1)	0	0	(392)
0	0	0	0	0	0	0	76 640

895 627	924 581	901 251	875 311	973 924	925 779	988 359	10 840 108
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DISTILLATE (CUBIC METRES)

JANUARY FEBRUARY MARCH APRIL MAY

SUNCOR

OPENING INVENTORY	61 134.1	21 611.8	13 889.2	6 434.1	4 611.3
PRODUCTION (A)	26 340.3	176 697.0	281 194.4	281 289.3	300 046.5
	87 474.4	198 308.8	295 083.6	287 723.4	304 657.8
CLOSING INVENTORY	21 611.8	13 889.2	6 434.1	4 611.3	7 109.6
	65 862.6	184 419.6	288 649.5	283 112.1	297 548.2
FURTHER PROCESSING	41 259.7	173 667.5	286 390.8	279 732.6	295 811.6
SITE FUEL/USE	304.5	636.0	2 034.8	2 356.5	1 732.9
FLARED/WASTE	1 434.5	5 742.8	223.6	231.4	0.0
METERING DIFFERENCE	0.1	0.4	0.3	791.6	3.7
DELIVERIES	22 863.8	4 372.9	0.0	0.0	0.0
	65 862.6	184 419.6	288 649.5	283 112.1	297 548.2

SYNCRUDE

OPENING INVENTORY	49 632.0	134 132.0	131 430.0	134 465.0	264 656.0
PRODUCTION	576 024.0	651 542.0	750 594.0	698 597.0	754 175.0
	625 656.0	785 674.0	882 024.0	833 062.0	1 018 831.0
CLOSING INVENTORY	134 132.0	131 430.0	134 465.0	264 656.0	243 614.0
	491 524.0	654 244.0	747 559.0	568 406.0	775 217.0
FURTHER PROCESSING	491 524.0	654 244.0	747 559.0	568 406.0	775 217.0
METERING DIFFERENCE	0.0	0.0	0.0	0.0	0.0
	491 524.0	654 244.0	747 559.0	568 406.0	775 217.0

JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

1988

7 109.6	5 767.3	8 095.8	6 931.7	22 168.4	5 692.3	6 645.6	61 134.1
284 828.1	310 070.2	299 874.0	287 992.3	283 203.5	287 568.9	292 427.5	3 111 532.0
291 937.7	315 837.5	307 969.8	294 924.0	305 371.9	293 261.2	299 073.1	3 172 666.1
5 767.3	8 095.8	6 931.7	22 168.4	5 692.3	6 645.6	4 386.4	4 386.4
286 170.4	307 741.7	301 038.1	272 755.6	299 679.6	286 615.6	294 686.7	3 168 279.7
283 766.5	305 954.2	300 140.8	272 751.7	299 144.7	286 616.4	294 685.7	3 119 922.2
2 072.3	1 778.7	0.0	0.0	0.0	0.0	0.0	10 915.7
332.1	0.0	0.0	0.0	0.0	0.0	0.0	7 964.4
(0.5)	8.8	897.3	3.9	534.9	(0.8)	1.0	2 240.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	27 236.7
286 170.4	307 741.7	301 038.1	272 755.6	299 679.6	286 615.6	294 686.7	3 168 279.7
243 614.0	254 103.0	168 745.0	122 832.0	166 171.0	114 028.0	55 480.0	49 632.0
722 825.0	746 886.0	739 309.0	699 971.0	803 146.0	752 790.0	812 714.0	8 708 573.0
966 439.0	1 000 989.0	908 054.0	822 803.0	969 317.0	866 818.0	868 194.0	8 758 205.0
254 103.0	168 745.0	122 832.0	166 171.0	114 028.0	55 480.0	121 244.0	121 244.0
712 336.0	832 244.0	785 222.0	656 632.0	855 289.0	811 338.0	746 950.0	8 636 961.0
712 336.0	832 243.0	785 220.0	656 313.0	843 853.0	803 479.0	736 637.0	8 607 031.0
0.0	1.0	2.0	319.0	11 436.0	7 859.0	10 313.0	29 930.0
712 336.0	832 244.0	785 222.0	656 632.0	855 289.0	811 338.0	746 950.0	8 636 961.0

Historical
1967–1988

OIL SANDS PRODUCTION AND PROCESSING

1967-1979

1980

1981

1982

SUNCOR

PRODUCTION (TONNES)	354 141 280	33 149 639	22 904 745	27 103 001
(GRADE)	-	12.85	12.35	12.38

PROCESSING (TONNES)	354 141 280	33 149 639	22 904 745	27 103 001
(GRADE)	-	12.85	12.35	12.38

SYNCRUDE

PRODUCTION (TONNES)	63 294 119	67 923 740	65 807 019	66 864 114
(GRADE)	-	11.19	11.00	10.87

PROCESSING (TONNES)	65 423 507	65 798 690	66 863 571	67 798 644
(GRADE)	-	11.10	11.06	10.91

1983	1984	1985	1986	1987	1988
36 028 538 11.93	36 428 120 11.46	30 030 918 12.02	39 410 278 12.30	32 748 835 11.87	38 286 134 11.62
36 028 538 11.93	36 428 035 11.46	30 030 776 12.02	39 410 278 12.30	32 748 805 11.87	38 286 134 11.62
87 541 372 10.76	63 681 284 11.05	96 050 486 10.83	97 343 534 10.71	103 843 559 10.57	110 228 489 10.53
86 204 585 10.73	63 513 028 11.04	97 349 963 10.85	97 426 709 10.72	104 674 905 10.59	110 139 713 10.54

SYNTHETIC CRUDE OIL (CUBIC METRES)

	1967-1979	1980	1981	1982
SUNCOR				
OPENING INVENTORY	0.0	92 290.2	78 780.1	81 309.2
PRODUCTION	28 455 073.5	2 759 728.6	1 548 609.9	1 018 018.6
	28 455 073.5	2 852 018.8	1 627 390.0	1 099 327.8
CLOSING INVENTORY	92 290.2	78 780.1	81 309.2	60 130.2
	28 362 783.3	2 773 238.7	1 546 080.8	1 039 197.6
=====				
SITE FUEL/USE	304 907.8	40 925.6	29 605.0	15 012.4
FLARED/WASTE	1 709.1	1 532.5	0.0	184.5
METERING DIFFERENCE	54 273.6	1 221.4	9 444.3	3 262.9
DELIVERIES	28 001 892.8	2 729 559.2	1 507 031.5	1 020 737.8
	28 362 783.3	2 773 238.7	1 546 080.8	1 039 197.6
=====				
SYNCRUDE				
OPENING INVENTORY	0.0	35 892.7	26 028.0	26 641.0
PRODUCTION (C)	3 482 187.7	4 691 214.7	4 732 269.0	4 988 712.0
	3 482 187.7	4 727 107.4	4 758 297.0	5 015 353.0
CLOSING INVENTORY	35 892.7	26 028.0	26 641.0	24 929.0
	3 446 295.0	4 701 079.4	4 731 656.0	4 990 424.0
=====				
SITE FUEL/USE	0	0	0	0
FLARED/WASTE	21 283.8	0.0	0.0	0.0
METERING DIFFERENCE	(7 482.0)	2.4	(3.0)	(3.0)
DELIVERIES	3 432 493.2	4 701 077.0	4 731 659.0	4 990 427.0
	3 446 295.0	4 701 079.4	4 731 656.0	4 990 424.0
=====				

1983	1984	1985	1986	1987	1988
60 130.2 2 320 005.2	66 340.5 2 821 583.9	77 828.4 2 175 029.4	87 886.4 3 271 435.0	80 692.9 2 505 287.7	44 125.9 2 971 639.0
2 380 135.4 66 340.5	2 887 924.4 77 828.4	2 252 857.8 87 886.4	3 359 321.4 80 692.9	2 585 980.6 44 125.9	3 015 764.9 84 125.5
2 313 794.9	2 810 096.0	2 164 971.4	3 278 628.5	2 541 854.7	2 931 639.4
43 736.1 0.0 2 845.3 2 267 213.5	44 200.7 89.6 9 409.3 2 756 396.4	44 410.3 78.7 374.6 2 120 107.8	31 232.7 0.0 (211.9) 3 247 607.7	28 685.6 0.0 5 330.0 2 507 839.1	40 439.3 0.0 (96.5) 2 891 296.6
2 313 794.9	2 810 096.0	2 164 971.4	3 278 628.5	2 541 854.7	2 931 639.4
24 929.0 6 319 372.0	20 411.0 4 960 704.0	21 029.0 7 394 245.0	16 035.0 7 487 380.0	18 975.0 7 917 836.0	16 735.0 8 718 705.0
6 344 301.0 20 411.0	4 981 115.0 21 029.0	7 415 274.0 16 035.0	7 503 415.0 18 975.0	7 936 811.0 16 735.0	8 735 440.0 25 125.0
6 323 890.0	4 960 086.0	7 399 239.0	7 484 440.0	7 920 076.0	8 710 315.0
0 0.0 (1.0) 6 323 891.0	0 0.0 0.0 4 960 086.0	0 0.0 12.0 7 399 227.0	0 0.0 (5.0) 7 484 445.0	0 0.0 3.0 7 920 073.0	34 564.0 0.0 (15.0) 8 675 766.0
6 323 890.0	4 960 086.0	7 399 239.0	7 484 440.0	7 920 076.0	8 710 315.0

OTHER HYDROCARBONS (CUBIC METRES)

	1967-1979	1980	1981	1982
SUNCOR				
HEAVY FUEL OIL				
OPENING INVENTORY	0.0	1 075.0	2 029.9	3 458.4
PRODUCTION	312 188.0	25 982.7	46 907.1	105 329.1
	312 188.0	27 057.7	48 937.0	108 787.5
CLOSING INVENTORY	1 075.0	2 029.9	3 458.4	3 239.7
	311 113.0	25 027.8	45 478.6	105 547.8
	316 624.6	25 027.8	45 478.7	105 547.7
SITE FUEL/USE	6 024.2	0.0	0.0	0.0
FLARED/WASTE	(11 535.8)	0.0	(0.1)	0.1
METERING DIFFERENCE	311 113.0	25 027.8	45 478.6	105 547.8
SYNCRUDE				
DILUENT NAPHTHA				
OPENING INVENTORY	0.0	68 232.4	48 280.0	35 159.0
PRODUCTION (D)	0.0	253 353.8	300 216.0	370 665.0
	0.0	321 586.2	348 496.0	405 824.0
CLOSING INVENTORY (1)	0.0	48 280.0	35 159.0	50 900.0
	N/A	273 306.2	313 337.0	354 924.0
FURTHER PROCESSING	0.0	58 412.7	168 970.0	237 938.0
SITE FUEL/USE	0.0	19 234.0	0.0	0.0
FLARED/WASTE	0.0	174 181.0	144 367.0	116 986.0
METERING DIFFERENCE (2)	0.0	(1.5)	0.0	0.0
DELIVERIES	0.0	21 480.0	0.0	0.0
	N/A	273 306.2	313 337.0	354 924.0

NOTE: (1) INVENTORIES DIFFER DUE TO THE CHANGE IN METHOD OF REPORTING.

(2) INCLUDES DILUENT RECOVERED FROM VAPOR.

N/A NOT AVAILABLE

1983	1984	1985	1986	1987	1988
3 239.7 47 881.3	1 659.5 12 944.1	2 104.4 21 284.5	1 964.9 26 385.8	1 946.8 10 618.3	1 648.9 9 586.8
51 121.0 1 659.5	14 603.6 2 104.4	23 388.9 1 964.9	28 350.7 1 946.8	12 565.1 1 648.9	11 235.7 1 990.0
49 461.5	12 499.2	21 424.0	26 403.9	10 916.2	9 245.7
49 461.6 0.0 (0.1)	12 499.2 0.0 0.0	21 424.1 0.0 (0.1)	26 403.8 0.0 0.1	10 916.1 0.0 0.1	13 049.8 0.0 (3 804.1)
49 461.5	12 499.2	21 424.0	26 403.9	10 916.2	9 245.7
52 127.0 189 353.0	58 986.0 144 855.0	59 730.0 83 870.0	60 295.0 68 591.0	54 371.0 71 022.0	58 712.0 70 089.0
241 480.0 58 986.0	203 841.0 59 730.0	143 600.0 60 295.0	128 886.0 54 371.0	125 393.0 58 712.0	128 801.0 66 761.0
182 494.0	144 111.0	83 305.0	74 515.0	66 681.0	62 040.0
71 260.0 0.0 111 234.0 0.0 0.0	62 316.0 0.0 81 794.0 1.0 0.0	0.0 0.0 81 508.0 1 797.0 0.0	0.0 0.0 73 075.0 1 440.0 0.0	0.0 0.0 66 561.0 120.0 0.0	0.0 0.0 61 645.0 395.0 0.0
182 494.0	144 111.0	83 305.0	74 515.0	66 681.0	62 040.0

20
COKE (TONNES)

1967-1979 1980 1981 1982

SUNCOR

OPENING INVENTORY	0	1 047 953	1 073 213	1 056 657
PRODUCTION	7 987 152	838 136	558 995	685 703
	7 987 152	1 886 089	1 632 208	1 742 360
CLOSING INVENTORY	1 047 953	1 073 213	1 056 657	1 251 600
	6 939 199	812 876	575 551	490 760
	7 763 828	761 793	523 497	464 898
FLARED/WASTE	53 175	0	0	0
METERING DIFFERENCE (1)	(950 716)	4 603	(38 760)	7 005
DELIVERIES	72 912	46 480	90 814	18 857
	6 939 199	812 876	575 551	490 760

SYNCRUDE

OPENING INVENTORY	2 572	463 390	1 116 155	1 736 714
PRODUCTION	462 658	652 756	620 610	654 713
	465 230	1 116 146	1 736 765	2 391 427
CLOSING INVENTORY	463 390	1 116 155	1 736 714	2 391 427
	1 840	(9)	51	0
	4 780	0	0	0
FLARED/WASTE	0	0	51	0
METERING DIFFERENCE	(3 001)	(9)	0	0
DELIVERIES	61	0	0	0
	1 840	(9)	51	0

NOTE: (1) INCLUDES SURVEY ADJUSTMENT TO INVENTORY.
N/A NOT AVAILABLE

1983	1984	1985	1986	1987	1988
1 251 600 873 751	1 490 215 850 774	1 617 353 749 995	1 769 340 995 682	2 091 957 806 824	2 261 336 930 479
2 125 351 1 490 215	2 340 989 1 617 353	2 367 348 1 769 340	2 765 022 2 091 957	2 898 781 2 261 336	3 191 815 2 497 965
635 136	723 636	598 008	673 065	637 445	693 850
694 869 0 (59 733) 0	619 205 0 103 617 814	642 828 0 (48 666) 3 846	636 730 0 30 585 5 750	631 893 0 (2) 5 554	705 381 0 (18 412) 6 881
635 136	723 636	598 008	673 065	637 445	693 850
2 391 427 771 935	3 163 362 595 613	3 758 975 890 202	4 649 177 909 938	5 559 115 945 041	6 504 156 1 025 087
3 163 362 3 163 362	3 758 975 3 758 975	4 649 177 4 649 177	5 559 115 5 559 115	6 504 156 6 504 156	7 529 243 7 529 243
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

SULPHUR (TONNES)

1967-1979

1980

1981

1982

SUNCOR

OPENING INVENTORY
PRODUCTION (B)

0
945 426

637 155
104 014

635 249
64 065

479 358
57 073

CLOSING INVENTORY

945 426
637 155

741 169
635 249

699 314
479 358

536 431
562 367

308 271

105 920

219 956

(25 936)

SITE FUEL/USE

1 355

0

0

0

FLARED/WASTE

49 499

6 666

5 447

12 170

METERING DIFFERENCE (1)

(10 245)

51 197

20 900

(218 355)

DELIVERIES

267 662

48 057

193 609

180 249

TO SYNCRUDE

0

0

0

0

308 271

105 920

219 956

(25 936)

SYNCRUDE

OPENING INVENTORY
PRODUCTION
FROM SUNCOR

0
138 109
0

61 279
182 680
0

50 158
182 559
0

97 790
201 001
0

CLOSING INVENTORY

138 109
61 279

243 959
50 158

232 717
97 790

298 791
98 941

76 830

193 801

134 927

199 850

FLARED/WASTE

0

(411)

0

0

METERING DIFFERENCE

6

23 940

(37 977)

1 062

DELIVERIES

76 824

170 272

172 904

198 788

76 830

193 801

134 927

199 850

NOTE: (1) INCLUDES SURVEY ADJUSTMENTS.

1983	1984	1985	1986	1987	1988
562 367 95 337	520 948 107 821	341 224 87 977	244 725 123 483	184 528 99 228	185 794 116 440
657 704 520 948	628 769 341 224	429 201 244 725	368 208 184 528	283 756 185 794	302 234 159 200
136 756	287 545	184 476	183 680	97 962	143 034
0 34 939 14 062 87 755 0	0 108 115 (5 093) 184 523 0	0 11 507 6 094 166 875 0	0 9 998 (112) 173 794 0	0 6 164 0 90 679 1 119	0 8 647 24 348 110 039 0
136 756	287 545	184 476	183 680	97 962	143 034
98 941 246 983 0	98 989 198 097 0	91 718 304 017 0	58 823 310 702 0	39 409 326 783 1 119	1 796 368 401 0
345 924 98 989	297 086 91 718	395 735 58 823	369 525 39 409	367 311 1 796	370 197 1 545
246 935	205 368	336 912	330 116	365 515	368 652
0 0 246 935	0 4 205 364	0 1 336 911	0 1 330 115	12 30 465 335 038	0 13 368 639
246 935	205 368	336 912	330 116	365 515	368 652

BITUMEN (CUBIC METRES)

1967-1979 1980 1981 1982

SUNCOR

OPENING INVENTORY	0.0	30 165.9	36 112.9	8 927.7
PRODUCTION	38 571 991.6	3 851 069.6	2 531 383.3	2 943 871.0
FROM SYNCRUDE	0.0	0.0	0.0	0.0
<hr/>				
CLOSING INVENTORY	38 571 991.6	3 881 235.5	2 567 496.2	2 952 798.7
	30 165.9	36 112.9	8 927.7	17 627.6
<hr/>				
	38 541 825.7	3 845 122.6	2 558 568.5	2 935 171.1
<hr/>				
FURTHER PROCESSING	38 506 380.4	3 846 098.3	2 559 121.6	2 935 171.2
FLARED/WASTE	0.0	0.0	0.0	0.0
METERING DIFFERENCE	31 359.5	(975.7)	(553.1)	(0.1)
DELIVERIES	4 085.8	0.0	0.0	0.0
<hr/>				
	38 541 825.7	3 845 122.6	2 558 568.5	2 935 171.1
<hr/>				

SYNCRUDE

OPENING INVENTORY	0.0	324 048.4	254 572.0	416 313.0
PRODUCTION	5 213 797.3	6 305 853.0	6 230 259.0	6 450 388.0
<hr/>				
CLOSING INVENTORY (1)	5 213 797.3	6 629 901.4	6 484 831.0	6 866 701.0
	324 048.4	254 572.0	416 313.0	342 644.0
<hr/>				
	4 889 748.9	6 375 329.4	6 068 518.0	6 524 057.0
<hr/>				
FURTHER PROCESSING	4 888 912.7	6 372 820.8	6 045 309.0	6 583 477.0
SITE FUEL/USE	0.0	2 508.7	0.0	0.0
FLARED/WASTE	0.0	0.0	0.0	0.0
METERING DIFFERENCE	836.2	(0.1)	23 209.0	(59 420.0)
TO SUNCOR	0.0	0.0	0.0	0.0
TO OTHER	0.0	0.0	0.0	0.0
<hr/>				
	4 889 748.9	6 375 329.4	6 068 518.0	6 524 057.0
<hr/>				

NOTE: (1) INVENTORIES DIFFER DUE TO THE CHANGE IN METHOD OF REPORTING.

1983	1984	1985	1986	1987	1988
17 627.6	34 917.9	15 693.0	22 631.3	49 245.6	44 237.0
3 757 125.0	3 559 951.8	3 140 905.2	4 158 787.7	3 394 991.3	3 903 379.8
0.0	69 290.0	76 572.6	64 689.0	47 258.0	76 523.2
3 774 752.6	3 664 159.7	3 233 170.8	4 246 108.0	3 491 494.9	4 024 140.0
34 917.9	15 693.0	22 631.3	49 245.6	44 237.0	32 386.7
3 739 834.7	3 648 466.7	3 210 539.5	4 196 862.4	3 447 257.9	3 991 753.3
3 739 835.0	3 648 462.7	3 210 539.5	4 196 841.9	3 451 933.6	3 984 533.2
0.0	0.0	0.0	0.0	0.0	7 219.8
(0.3)	4.0	0.0	0.0	(4 675.7)	0.3
0.0	0.0	0.0	20.5	0.0	0.0
3 739 834.7	3 648 466.7	3 210 539.5	4 196 862.4	3 447 257.9	3 991 753.3
366 206.0	466 301.0	426 520.0	447 531.0	341 747.0	513 509.0
7 980 894.0	6 141 172.0	9 289 128.0	9 328 971.0	10 014 284.0	10 559 758.0
8 347 100.0	6 607 473.0	9 715 648.0	9 776 502.0	10 356 031.0	11 073 267.0
466 301.0	426 520.0	447 531.0	341 747.0	513 509.0	233 159.0
7 880 799.0	6 180 953.0	9 268 117.0	9 434 755.0	9 842 522.0	10 840 108.0
7 862 980.0	6 111 120.0	9 187 890.0	9 366 453.0	9 795 262.0	10 763 860.0
0.0	0.0	0.0	0.0	0.0	0.0
19 595.0	0.0	0.0	0.0	0.0	0.0
(1 776.0)	543.0	1 498.0	3 613.0	2.0	(392.0)
0.0	69 290.0	76 579.0	64 689.0	47 528.0	76 640.0
0.0	0.0	2 150.0	0.0	0.0	0.0
7 880 799.0	6 180 953.0	9 268 117.0	9 434 755.0	9 842 792.0	10 840 108.0

DISTILLATE (CUBIC METRES)

	1967-1979	1980	1981	1982
SUNCOR				
OPENING INVENTORY	33 143.9	3 184.9	17 093.0	11 319.5
PRODUCTION (A)	29 686 544.2	3 004 552.4	1 912 216.4	2 121 962.2
RECEIPTS	4 340.4	0.0	0.0	0.0
<hr/>				
CLOSING INVENTORY	29 724 028.5	3 007 737.3	1 929 309.4	2 133 281.7
	3 184.9	17 093.0	11 319.5	25 316.7
<hr/>				
	29 720 843.6	2 990 644.3	1 917 989.9	2 107 965.0
<hr/>				
FURTHER PROCESSING	29 351 063.9	2 981 130.4	1 719 488.9	1 113 111.5
SITE FUEL/USE	98 775.3	982.4	1 184.5	1 060.7
FLARED/WASTE	92 101.5	7 011.8	5 601.0	7 844.2
METERING DIFFERENCE	14 810.3	1 519.7	(72.5)	12 066.4
DELIVERIES	164 092.6	0.0	191 788.0	973 882.2
<hr/>				
	29 720 843.6	2 990 644.3	1 917 989.9	2 107 965.0
<hr/>				
SYNCRUDE				
OPENING INVENTORY	120 310.8	45 509.2	216 272.0	85 749.0
PRODUCTION	3 881 610.2	5 180 844.6	4 819 586.0	5 225 483.0
<hr/>				
CLOSING INVENTORY (1)	4 001 921.0	5 226 353.8	5 035 858.0	5 311 232.0
	146 269.0	216 272.0	85 749.0	165 072.0
<hr/>				
	3 855 652.0	5 010 081.8	4 950 109.0	5 146 160.0
<hr/>				
FURTHER PROCESSING	3 552 931.5	4 987 261.6	5 077 618.0	5 463 736.0
SITE FUEL/USE	1 142.0	6 216.0	0.0	(12 710.0)
FLARED/WASTE	0.0	0.0	0.0	0.0
DILUENT CARRYOVER/RERUN	301 578.1	16 604.2	(127 509.0)	(304 866.0)
METERING DIFFERENCE	0.4	0.0	0.0	0.0
DELIVERIES	0.0	0.0	0.0	0.0
<hr/>				
	3 855 652.0	5 010 081.8	4 950 109.0	5 146 160.0
<hr/>				

NOTE: (1) INVENTORIES DIFFER DUE TO THE CHANGE IN METHOD OF REPORTING.

1983	1984	1985	1986	1987	1988
25 316.7 2 883 138.6 0.0	20 768.9 2 912 713.4 0.0	3 717.4 2 624 167.8 0.0	6 308.6 3 446 396.8 0.0	3 042.3 2 805 057.1 0.0	61 134.1 3 111 532.0 0.0
2 908 455.3 20 768.9	2 933 482.3 3 717.4	2 627 885.2 6 308.6	3 452 705.4 3 042.3	2 808 099.4 61 134.1	3 172 666.1 4 386.4
2 887 686.4	2 929 764.9	2 621 576.6	3 449 663.1	2 746 965.3	3 168 279.7
2 382 371.3 0.0 1 337.8 873.6 503 103.7	2 912 992.8 8 548.1 9 511.7 (1 287.7) 0.0	2 378 346.3 6 457.1 13 226.5 2 971.6 220 575.1	3 440 949.1 6 259.1 994.9 444.3 1 015.7	2 650 786.2 2 655.7 2 635.4 3 433.8 87 454.2	3 119 922.2 10 915.7 7 964.4 2 240.7 27 236.7
2 887 686.4	2 929 764.9	2 621 576.6	3 449 663.1	2 746 965.3	3 168 279.7
165 072.0 6 355 203.0	47 015.0 4 962 444.0	56 503.0 7 348 876.0	42 751.0 7 439 630.0	75 219.0 7 802 133.0	49 632.0 8 708 573.0
6 520 275.0 47 015.0	5 009 459.0 56 503.0	7 405 379.0 42 751.0	7 482 381.0 75 219.0	7 877 352.0 49 632.0	8 758 205.0 121 244.0
6 473 260.0	4 952 956.0	7 362 628.0	7 407 162.0	7 827 720.0	8 636 961.0
6 374 846.0 0.0 5 640.0 (66 763.0) (2.0) 159 539.0	5 001 871.0 0.0 8 851.0 (57 765.0) (1.0) 0.0	7 347 556.0 0.0 11 046.0 4 026.0 0.0 0.0	7 400 106.0 0.0 1 090.0 4 650.0 1 316.0 0.0	7 821 229.0 0.0 0.0 0.0 6 491.0 0.0	8 607 031.0 0.0 0.0 0.0 29 930.0 0.0
6 473 260.0	4 952 956.0	7 362 628.0	7 407 162.0	7 827 720.0	8 636 961.0

